

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/001376

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 A47J 43/04**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A23L 1/238, 1/337; A23N 9/02, 12/08; A47J 37/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 Korean patents and applications for inventions since 1975, Korean utility models and applications for utility models since 1975 and
 Japanese utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 e-KIPASS, IBM, PAJ, USTPO, Delphion

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 10-367660 B1(Kim, Jun-chul) 10 January 2003 see figure4, page2-3	1-7
A	KR 20-265539 Y1(Lee, Kwon-Ha) 21 February 2002 see figure1-2, description	1-7
A	JP02-127191 U(Nakamura Akihiko et al.) 19 October 1990 see the entire document	1-7
A	JP 60-161937 U(Yamashita Masaaki) 28 October 1985 see the entire document	1-7
A	JP 51-111996 U(Iwada Norikane)10 September 1976 see the entire document	1-7



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

18 OCTOBER 2004 (18.10.2004)

Date of mailing of the international search report

18 OCTOBER 2004 (18.10.2004)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
 920 Dunsan-dong, Seo-gu, Daejeon 302-701,
 Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

KIM, Tae San

Telephone No. 82-42-481-5633

